



**Elementary Science Summit:
Preparing K-5 for a STEM Future**

**Education Development Center
43 Foundry Ave, Waltham, MA**

Agenda

8:30 - 9:00 **Registration and Coffee**

9:00 - 10:00 **Welcome**

Abigail Jurist Levy, *Education Development Center (EDC)*
Dave Offensend, *President, EDC*

Keynote Conversation | *Business, Policy, and Practice: The Importance of Elementary Science Education*

Val Zanchuk, *President, Graphicast*

Heidi Schweingruber, *Director, Board on Science Education, National Research Council*

Keynote speakers will discuss the current status of elementary science, why it is important to students' STEM futures, what is needed to enable elementary schools to provide high quality science instruction to all their students, and how we could know if that is occurring.

10:00 - 10:15 **Break**

10:15 - 11:30 **Science Investigation and Discussion | *What Does High Quality Elementary Science Education Look Like?***

Collaboration between Connecticut Science Center and EDC

Jeff Winokur, *Senior Trainer and TA Lead, EDC*

Cindy Hoisington, *Senior Curriculum/Instructional Design Lead, EDC*

Cheryl Tokarski, *Vice President, Programs, Connecticut Science Center*

Participants will take part in an introductory investigation, followed by a discussion to deconstruct the teaching they experienced. Participants will consider what schools and teachers need in order to consistently provide experiences like this one to their students.

11:30 - 11:45 **Gather Lunch**



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11:45 -12:30 Panel of Principals and Science Leaders | *Supporting Elementary Science Education in Schools*

Moderator: Erin Hashimoto-Martell, *Director of Science, Technology, Engineering, and Mathematics at Massachusetts Department of Elementary and Secondary Education*

Panelists:

- Rachel Manzer, *STEM Coach, Winchester Public Schools, CT*
- Nathan Saddler, *Assistant Principal and Elizabeth Dowst, 5th Grade Teacher, Adeline C. Marston School, Hampton, NH*
- Patreka Wood, *Assistant Principal, Mario Umana Academy, Boston Public Schools, MA*
- Rebecca Katsh-Singer, *Science Coordinator, Westborough Public Schools, RI*

Panelists will discuss the status of science in their elementary schools and districts, how they are going about elevating science, and how they have addressed the challenges and opportunities they encountered along the way.

12:30-12:40 Break

12:40-2:25 Strategic Planning | *Moving Elementary Education Forward*

Scott Sedberry, *Strategic Alliance Director, Texas Instruments*

Sedberry will introduce this session, providing context from Texas Instrument's collaboration on *STEM4: The power of collaboration for change*

(<http://cosss.org/resources/Documents/STEM%20Collaboration%20paper.%20FINAL%20VERSION.%207.26.2018.pdf>)

Participants will discuss:

- What are the hallmarks of a robust science program?
- What barriers to robust science programs can we address?
- What will we do to make progress?
- How will we know we are making a difference?

Participants will leave this session with concrete action steps they will take – in partnership with the Coalition of Elementary Science other Summit participants – to carry the work forward in their communities.



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2:25-2:30 **Break**

2:30-3:00 **Supports**

Participants will identify and share the supports the Coalition for Elementary Science could provide to help them be successful.

Closing Remarks

Val Zanchuk

Heidi Schweingruber

Erin Hashimoto-Martell

Scott Sedberry